Morton Trust Company

38 NASSAU STREET.

Capital -\$2,000,000 Surplus and Undivided Profits -- \$6,000,000

Acts as Trustee, Guardian, Executor, Administrator, Assignee, Receiver, Registrar and Transfer Agent. Takes charge of Real and Personal Property.

Deposits received subject to cheque or on certificate. Interest allowed on daily balances.

Travellers' Letters of Credit issued, available in all parts of the world.

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TRUST COMPANIE

FIDELITY TRUST COMPANY

Capital, Surplus & Undivided Profits Over \$9,000,060.00.

Acts as Guardian, Administrator, Receiver; registers and transfers corporate stocks and bonds. Guarantees titles to real estate throughout the State of New Jersey.

Its Safe Deposit Vaults are the best equipped in the State. Absolutely fire and burglar proof. Accounts of Manufacturers, Merchants, Corporations, Estates and Individuals solicited.

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Assistant Secretary and Assistant Treasurer
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JACOB E. WARD. THOS. N. MCCARTER.

FINANCIAL

FINANCIAL.

25 Broad Street, New York, August 10, 1903.

To the Holders of

First Consolidated Income Bonds Second Consolidated Income Bonds Registered Income Bonds

Mexican Central Railway Company, Limited:

by make the following offer to any and all of the holders of the above income bonds: Provided that bonds of the above issues to an amount satisfactory to Mexican Central Railway Company, Limited, he deposited in accordance with the terms hereof, Mexican Central Railway Company. Limited, will deliver through the undersigned in exchange for the Bonds deposited hereunder ts Five-Year Gold Collateral Trust Debenture Certificates of 1908, bearing interest from October 1, 1903 payable semi-annually at the rate of 3% per annum for three years, and at the rate of 4% per annum

For each First Consolidated Income Bond of the par value of \$1,000 so deposited, two hun

dred and thirty dollars (\$230) par value in the Debenture Certificates. For each Second Consolidated Income Bond of the par value of \$1,000 se deposited, on hundred and forty dollars (\$140) par value in the Debenture Certificates, and for each Registered

and substitution hereinbelow set forth) to be secured by the income bonds deposited under this offer and in such event they shall be delivered to the Trust Company, named as Trustee in, and are to be

after held by it subject to, the provisions of a Collateral Trust Agreement, to be approved as to form by Ladenburg, Thalmann & Co., and as to legality by their counsel. Each depositing bondholder authorizes the Railway Company, at its election, to exchange and substitute bonds of the Railway Company of other existing classes, for second consolidated income and registered income bonds when deposited under the Collateral Trust Agreement upon such a ratio of

exchange as Ladenburg, Thaimann & Co. may approve. The Collateral Trust Agreement may contain be attached thereto or deposited with the depositary at the same time as the bond. In any particular ase bonds with missing coupons may be received by the depositaries on terms approved by the Rallway

Company. Registered Bonds deposited hereunder must bear or be accompanied with a suitable power of attorney insuring their transferability by delivery.

Debenture Certificates will be issued only in the denomination of one hundred dollars (\$100) each. Non-interest hearing scrip will be issued for fractional amounts, convertible on or before January L. 1904, into Debenture Certificates when amounts sufficient to make a whole Debenture Certificate are pre-

Application will be made in due time to list the Debenture Certificates on the New York Stock

Any holder of the above bonds desiring to accept this offer must deposit his bonds to the order of Ladenburg, Thalmann & Co., with The Equitable Trust Company of New York, No. 25 Nassau Street, New York City, or with the Old Colony Trust Company, Boston, or with the Mississippi Valley Trust Company, St. Louis, or with Messrs, J. Henry Schroder & Co., No. 145 Leadenhall Street, London, E. C., England, before the close of business on SEPTEMBER 4, 1903, unless the Railway

Company shall elect, upon such terms as it may see fit, to extend the time for deposit under this offer.

Each depositor shall receive for his deposited bonds a deposit receipt, in form approved by the undesigned, transferable by delivery, entitling the holder, on the surrender thereof, at such date as the Railway may fix by newspaper notice published in New York, Boston, St. Louis and London, to the delivery of Debenture Certificates as hereinabove provided for, or temporary certificates therefor, or at the option of the Railway Company, to the return of the securities represented by said deposit receipt.

For, MEXICAN CENTRAL RAILWAY COMPANY, Limited.

LADENBURG, THALMANN & CO.



DOW, JONES & CO., Publishers, The Oldest News Agency in Wall Street

BAKER = VAWTER COMPANY. Public Accountants,

Auditors, Devisers of Business Systems.

Only the regular corps of bonded accountants ates. We do not send outside men to clients inder any circumstances. Organized to take im mediate charge of work, large or small. 20 Broadway, 143 Dearborn St. New York. Chicago, Ili Chicago, Ill

2011 Farmers' Bank B'ld'g. Fittsburg, Fa.

ATLANTIC COAST LINE RAILEOAD COM-PANY. To the owners or belders of the Sayannah, Florida and Western Railway Company's Four Per Cent. First Mortgage St. Johns River Division Gold Bonds, which are secured by a mortgage made by the said Savannah, Florida and Western Railway Company to the City Trust Company of New York, Trustee, dated June 15th, 1899: Notice is hereby given that the Atlantic Coast Line Railroad Company, as successor and assign of New York, Trustee, dated June 15th, 1890:
Notice is hereby given that the Atlantic Coast
Line Raliroad Company, as successor and assign
of the Savannah, Florida and Western Raliway
Company, will, in accordance with the terms, conditions and provisions of the mortgage made by
the said Savannah, Florida and Western Raliway
Company to the City Trust Company of New York,
Trustee, dated June 15th, 1990, and of the Bonda
secured thereby, avail itself of and will exercise
the option given by the said mortgage, and will,
on the first day of January, in the year 1904, retire
and redeem all the bonds issued as aforesaid and
secured by the said mortgage, amounting as to the
principal thereof to the aggregate sum of one million five hundred thousand dollars, and that the
principal of the said bonds, with such interest as
may be due thereon up to that time, will be paid
on January 1st, 1904 at the office of the City Trust
Company of New York, Trustee, and that the sum
necessary to pay the said principal and all accrued
interest on the said bonds will be deposited by the
said Atlantic Coast Line Raliroad Company with
the said Trustee on or before January first, 1904,
and that all interest on the same will stop from and
after that date.

By order of the Board of Directors.

ATLANTIC COAST LINE RAILROAD COMPANY
By H. L. BORDEN, Secretary.

Dated June 27th, 1903.

Seven Deaths From Rattlesnake Bites. BEEVILLE, Tex., Aug. 30.-There have been seven deaths from rattlesnake bites in this neighborhood in the last few weeks.

Nine persons have been bitten and only two recovered. A Mexican boy was bit-ten last evening and is in a serious con-150,000 Barrels of Oll Burned.

NEW OBLEANS, Aug. 30 .- A fire started to-day at the Swayne Oil Works at Sour Lake, Tex. which communicated to the tanks and thence to the Moone tanks, burning 150,000 barrels of oil with a total TRUST COMPANIES.

OF NEW YORK.

36 WALL STREET.91,000,000.00 invested in City of New York Bonds.) SURPLUS and Undivided Profits 1,690,749.62

OFFICERS. Jas. Ross Curran, President.
John D. Crimmins, Vice-President.
George R. Sheldon, 2d Vice-President.
Arthur Terry, Secretary.
Walter W. Lee. Asst. Secretary.

DIRECTORS. John D. Crimmins, Frank H. Platt, George R. Sheldon, Edward Eyre, Peter Doelger, William Halls, Jr., James D. Layng, William R. Grace, Hugh Kelly, Morgan J. O'Brlen,

DIVIDENDS AND INTEREST.

Hosmer B. Parsons, Albert, G. Jennings, George W. Perkins, Eugene Kelly, Charles W. Morse, Elverton R. Chapman, Charles V. Fornes, Frank R. Lawrence, Albert B. Boardunan, Jas. Ross Curran.

THE DELAWARE & HUDSON COMPANY.

New York, Aug. 26, 1903.

A quarterly divided of ONE AND THREE QUARTERS (13/26) PER CENT. on the capital stock of this Company will be paid at the office of the Company, 21 Cortlandt Street, in this city, on and after Tuesday, September 15, 1903. The transfer books will be closed from the close of business to-day until the morning of Wednesday, September 16, 1903.

By criter of the Board of Managers.

tember 16, 1903.

By order of the Board of Managers.

CHARLES A. WALKER, Treasurer. CHICAGO, PEORIA & ST. LOUIS RAILWAY COMPANY OF ILLINOIS. COMPANY OF ILLINOIS.

Coupons due September 1, 1903, from the Prior Lien 42% Thirty Year Gold Bonds of the above Company will be paid on and after that date at the office of Dent, Paimer & Co., No. 52 William Street, New York.

RALPH BLAISDELL, Treasurer.

MISSOURI, KANSAS & TEXAS RY. Co. 49 Wall Street, New York. Coupons due Sept. 1, 1903, of THE MISSOURI, KANSAS & TEXAS RAILWAY CO OF TEXAS First Mortgage Bonds will be paid upon presenta-tion at this office on and after Sept. 1 next. C. G. HEDGE, Vice-Pres. & Treas.

AMERICAN HIDE AND LEATHER CO. Coupons No. 8, due September 1, 1903, from First Mortgage Bonds of the AMERICAN HIDE AND LEATHER COMPANY will be paid on and after that date by COLONIAL TRUST COM-PANY, 222 Broadway, New York, GEORGE A. HILL, Treasurer.

ELECTIONS AND MEETINGS.

New York, August 21, 1903.

THE WESTERN NATIONAL BANK OF THE UNITED STATES IN NEW YORK:

NOTICE IS HEREBY GIVEN that a special meeting of the sharcholders of The Western National Bank of the United States in New York will be held at its offices, No. 15 Nassau Street, in the Borough of Manhattan, City of New York, on the 23d day of September, 1903, at 12 o'clock noon, for the purpose of voting on the following propositions:

for the purpose of voting on the following propositions:

To place this Bank in voluntary liquidation under the provisions of Sections 5220 and 5221 of the United States Revised Statutes, such liquidation to take effect on the 5th day of October, 1903; and to authorize and approve the sale of all the assets of this Bank at the book value thereof as shown by the Bank's statement of its assets and liabilities of the date of such sale, and in further consideration of the assumption by the National Bank of Commerce in New York of all the liabilities of this Bank as shown by such statement; and to transact such other business as may properly come before the meeting.

By order of the Board of Directors.

CHARLES L. ROBINSON, Cashler.

PROPOSALS.

PROPOSALS will be received at the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., until 12 o'clock noon, Sept. 15, 1903, and publicly opened immediately thereafter, to furnish at the Navy Yard, League Island, Pa., a quantity of conduit and fittings, boits, nuts, washers, corn brooms, hand scrub brushes, cotton twine, hardware, locks, leather, lumber, bar Iron, sheet steel, pig tin, slab zinc, pipe fittings, valves, stationery, cotton waste, and covering roof of shed with gaivantzed Iron. Blank proposals will be furnished upon application to the Navy Pay Offices. HARRIS, Paymaster General U. S. N. 8-25-03

KEY WEST BARRACKS, Fla., Aug. 3, 1903—Sealed proposals for constructing 3 sets officers' quarters, 2 sets N. C. Staff quarters, Q. M. Storehouse and band barrack will be received here until 12 M. Sept. 2, 1903. Information furnished on application. U. S. reserves right to accept or reject any or all proposals and to withdraw from constructing 1 or 2 of above buildings. Envelopes containing proposals should be endorsed "Proposals for public buildings" and addressed Quartermaster.

PROPOSALS FOR THE WIDENING OF THE AQUEDUCT BRIDGE, D. C.—Office of the Commissioners, D. C., Washington, Aug. 15, 1903.—Sealed proposals will be received at this office until 12 o'clock, noon, Saturday, Sept. 19th, 1903, for the widening of the Aqueduct Bridge. Blank forms of proposal, specifications, and all necessary information may be obtained at this office. H. B. F. MACFARLAND, HENRY L. WEST, JOHN BIDDLE, Commissioners, D. C.

PROPOSALS .- Fort Myer, Va., Aug. 17, 1903 .-Sealed proposals, in triplicate, for addition to Hospital will be received until 10 A. M., Sept. 1 1903. The U. S., reserves right to reject or accept any or all bids or any part thereof. Information on application. Envelopes containing bids should be indorsed "Proposals for Addition to Hospital" addressed CAPT. R. HARRISON, Q. M.

Another Life Lost at Spier Falls Dam. GLENS FALLS, N. Y., Aug. 30 .- Timothy Creedon, a workman at the Spier Falls dam of the Hudson River Water Power Company, was knocked off the power house foundation by a beam which was being swung into place, and thrown into the tail race below and instantly killed. This makes not less than twenty-five lives which have been lest in the recovery to the company that is the company to the company t have been lost in the prosecution of this

MARINE INTELLIGENCE.

MINIATURE ALMANAC-THIS DAY. 5:25 | Sun sets 6:36 | Moon sets HIGH WATER—THIS DAY. andy Hook. 2:02 | Gov. I'd 2:34 | Hell Gate...

Arrived-SUNDAY, Aug. 80 Arrived Sunday, Aug. 30.

Jnited States training ship Buffalo, Bahia, Aug. 13.
58 Naupila, Stettin, Aug. 14.
58 Ohio, Newcastle, Aug. 17.
58 City of Washington, Vera Cruz, Aug. 20.

Sa City of Washington, Vera Cruz, Aug. 20.
Ss Patria, Sagua, Aug. 19.
Ss Brighton, Banes, Aug. 26.
Sa Kiowa, Jacksonville, Aug. 28.
Ss Monroe, Norfolk, Aug. 29.
Ss Oregonian, Philadelphia, Aug. 29.
Ss Col. E. L. Drake, Port Arthur, Tex., Aug. 19.
Ss Eros, Bath, Aug. 28.
Ss Harry Luckanbach, Sabine Pass.
Ss Straits of Dover, Progreso, Aug. 23.

ARRIVED OUT Ss Celtic, from New York at Liverpool. Ss Bremen, from New York at Cherbourg.

SAILED FROM FOREIGN PORTS. Ss Statendam, from Boulogne for New York. Ss Grosser Kurfurst, from Cherbourg for New York.
Ss Etruria, from Queenstown for New York.

OUTGOING STRAMSRIPS. Princess Anne, Norfolk . . . Klowa, Charleston KaiserWilhelm der Grosse, Bremen. 6 30 A M
Carpathia, Liverpool
Citta di Napoli, Naples. 8 30 A M
Grangense, Brazil. 12 00 M
Alliança, Colon. 9 30 A M
El Rio, Galveston. Arapahoe, Charleston. Monroe, Norfolk Sail Wednesday, Sept. 2. Philadelphia, Southamp.

manerpma, ovacamp.					
ton	6 30 A M	10	00	4	M
cutonic, Liverpool	8 30 A M	12	00	M	
otterdam, Rotterdam		10	00	A	M
scar II., Copenhagen	11 00 A M	2	00	P	M
aracas, Grenada	10 00 A M	12			
roteus, New Orleans		12	an	M	- 1
aracas, Grenada roteus, New Orleans abine, Galveston				P	
amilton, Norfolk	*** *****				M
INCOMING	TEAMSHIPS.				
	To-day.				- 1
					- 1
ucen Christina	Aigiers	A	111	ζ.	4
neen Mary	Gioraltar	4	u		15
xminster	Hayti	A	111	7.	24
otsdam	Rotterdam	A	u	ζ.	22
linnehaha	London	A	u	ζ.	22
eeland	Antwerp	A	u	ζ.	22
nchorta	Glasgow	A	111	7.	20
rmentan	Liverpool	1.1	LUI		21
ernard	Para	A	u	ζ.	19
Siglo	Galveston	· · · A	u	z.	25
roteus	New Orleans	A	u	ζ.	26
aracalbo			LUI		21
	morrow.				1
ronprinz Wilhelm	Bremen	A	111	τ.	25
gurla	Naples.	1	111	7	19
renada	Trintdad	1	u	r.	25
alabria	Naples		u	ż.	19
oquols	Jacksonville	1	u	r.	29
urityba	Havana	A	111	ż.	27
o Grande	Brunswick		u	ż.	30 1
Due Wednes	day, Sept. 2.		10.5		
arbarossa	Bremen.	A	111	,	22
rdinian	Glasgow	. 1	110		55
rara.	Gibraltar	1	111	,	19
guranca	Colon.	1	111	-	26
Monte	Calveston	A	111		27
pache.	Lacksonville	1	117		29

Hamburg.

Due Friday, Sept. 4.

Pretoria.

ELECTROLYTIC PLANT FOR THE LAKE COPPER DISTRICT.

Heinze and the Amalgamated Copper Company Keeping Up Their Legal War at Butte-Alaskan Gold Camps Sending Out Results of the Season's Work.

HOUGHTON, Mich., Aug. 26.—Work on the site of the new smelter for the Copper Range and Stanton properties at the mouth of Cole's Creek, West Houghton, is progressing satisfactorily, and actual construction will soon begin. The smelter is to be large and modern in every respect, and will handle a large tonnage from the start. It is rumored that an electrolytic plant is to be added but this lacks verification. By electrolytic refining the copper from the South Range mines would be freed from arsenic in any but minute quantities, and there would also be some saving in silver, but the product would sell as electrolytic, and not as Lake copper. The difference between these brands is growing less, and for many purposes electrolytic is superior, as it usually possesses higher conductivity, though it is not quite so tough. For cartridge cases, metal buttons and similar uses, the best brands of Lake copper remain unapproachable. The matter of arsenic in the copper

of fact there are at least traces of arsenic in practically all refined copper. In the case of the Baltic, Trimountain and Champion mines the amount of arsenic contained in the refined product is larger than is usually the case in this district, but not sufficiently large to seriously affect the value of the metal. Under 1 per cent, arsenic in retility, but does slightly diminish electrical of less than 1 per cent, arsenic has no dela fact that as the Lake mines grow deeper the copper is not quite so pure as nearer surface, but the percentage of impurities turned out in the refined copper is so small, a fraction of 1 per cent, in most cases, that for all commercial uses the metal may be considered as practically pure. Supt. Case of the Dollar Bay and Hancock

smelters will build larger furnaces at the first-named plant. The surplus of labor that was threatened in the copper district a few months ago is no longer a factor in the local situation, and able-bodied miners, mechanics or day laborers have no trouble in getting jobs.

The statement is frequently seen in print that the Tamarack Junior mine of the Osceola Consolidated would be highly valuable to the Calumet and Heela in developing a strip of land between the Tamarack and Tamarack Junior properties that is owned by the Calumet and Ilecia. Such was the case a year Hecla people are developing the tract in question by a blind shaft. Operations at the Tamarack Junior are confined to the which will soon reach the boundary line at a depth of between 400 and 500 feet below the twelfth level, which is 3,360 feet below surface.

There have been rumors current every two or three months for the past three years that the Centennial was about to start production. The Centennial owns one of the best unimproved mill sites in the Lake district. opposite the mills of the Calumet and Hecla on Torch Lake. It should be an easy matter, however, to secure the use of the conducted economically at that point. The in use by the Trimountain, having been stopped two weeks ago, when the fourth head went into commission in the new Tri-mountain mill at Beacon Hill, on Lake Superior. No mining is being done at the Arcadian, but diamond drilling is still in progress. The Arcadian had a floating debt of about \$900,000 two years ago, but this must have been materially reduced by the sale of shafthouses and machinery to the Trimountain. The Arcadian will long remain one of the principal monuments of misguided judgment in the Lake district. There is no question that the promoters of the property were sincere in their belief in the value of the nine, but they were unwise in expending nillions on surface improvements before they had demonstrated whether there was a ne underground.

The policy of retrenchment and economy ecently instituted at the Adventure should enable that property to show a better balance sheet at the end of the year than has yet been secured.

Latest reports from Bisbee, Ariz., where Lake investors have millions of money tied up in sundry mines and prospects, are of an encouraging nature The Calumet and Pitts-burg unquestionably has a mine, and it is probable that the present development company will be turned into a full-fledged mining company before the close of the year The Higgins shaft is now more than 200 feet deep, and at the depth of 300 it is probable that crosscuts will be sent into the hill, with a view to locating some of the big ore bodies found on the Copper Queen property near the boundary line. The other Lake Superior Arizona development companies are pegging away industriously, gaining depth with every day, and nearing their fate, whether that be

BUTTE, Aug. 24. - H. L. Frank, owner of the coal mines at Frank, Canada, where the disaster occurred some months ago of the toppling over of a mountain that wiped out the mining town, has returned from France and it is understood that the deal to transfer the mines to a French syndicate has fallen through. The cause of the failure of the negotiation is the damage done the property by the mountain slide and the reports that there was danger of still further damage from the same cause. Mr. Frank, however, says there is no possible danger and that the mines, which are now producing only about 400 tons a day, will shortly be increased to an output of 1,000 tons a day again. Improvements are being made which will increase this to 2,500 tons daily, and the Canadian Pacific Railroad has contracted to use 1,500 tons a day.

F. A. Heinze has secured possession of the Watseca gold mine in Madison county, Mon., through an attachment issued on account of an overdraft for \$119,000 at the State Sav-ings Bank, which had been assigned to him. A few days before the attachment was levied a rich body of gold ore was found in the mine and the proparty is considered of im-mense value. The mine had been owned by A. W. McCune of Salt Lake and several Montana capitalists, but for some reason they failed to meet their payroll last month and the bank foreclosed on the mine. In the new East Butte district, where the Pittsburg and Montana Company is spending more than \$1,000,000 in development work and erecting a big smelter, operations have been commenced on the Butte and Boston placer claim owned by Mayor Pat Mullins and others. The property was located as placer and patented about six years ago but other parties contested it and uncovered a rich vein of copper. The district court, however, decided against the contestants and the placer owners are now reaping the benefit of the discovery made by the quartz

STATION & SINKING MINING PUMPS Over 40,000 CAMERON pumps in daily satisfactory use all over the world gives tangible proof o their merit and confirms the claim for their super orly over all others. They are conceded to be the most durable, reliable and effective mining pumps on the market to-day, and while often imitated are never equalled. For proof, inquire of any mining engineer, for catalogue and prices, write any of our resident agents or direct to the

A. S. CAMERON STEAM PUMP WORKS, Foot East 23d St., New York City, U. S. A. \$15,000 to \$25,000 capital for dredges operating river rich in gold and platinum in the West and New England. Dredging is certain and profitable method and is most profitable. Business, property very extensive, rich and easily dredged; can work every day in the year, no uniavorable conditions. DREDGING, Look Box dis, Equitable Building, New York.

REPORTS FROM MINING CAMPS elaimants and contestants. The property adjoins that of the Pittsburg company on

the east. Ore mine in the Cataract district. The principal owner is Mrs. Ella Knowles Haskell, a lawyer of Butte. At one time Mrs. Haskell personally supervised the operations of the property and during that period the tunnel was driven 700 feet deep. She is also the secretary of the company and dictates the policy. Mrs. Haskell has given an option on her holdings to the present lessee, Marcus L. Hewett.

Heinze and the Boston and Montana are at war again. Each accuses the other of tana has petitioned the court for an order giving them permission to examine and survey the workings of the Minnie Healey mine to ascertain to what extent Heinze is encroaching on the veins and ore bodies of the Gambetta and Piccola claims, and Heinze petitioned to bring a number of the Boston and Montana officials into court to show cause why they should not be punished for contempt. He says that the company has been working in ground adjoining the Minnie Healey that is included in an injunction, as modified by the Supreme Court, by which the defendants were enjoined from mining therein. It is said by Heinze that the company has been extracting large quantities of ore from the ground and should be punished for it. In this same suit the Boston and Montana

the South Range mines has received more of less attention in the press. As a matter Minnie Healey workings to examine and survey them. It is said that Heinze, who recently went to work on the Minnie Healey again, has been taking ore from veins be-longing to the Boston and Montana. In a recent suit in which Heinze was plaintiff

recently went to work on the Minnie Healey again, has been taking ore from veins belonging to the Boston and Montana. In a recent suit in which Heinze was plaintiff an injunction was cranted against the Boston and Montana, but the latter got permission to send its engineers into the mine at intervals for the purpose of keeping track of Heinze's operations. It is stated that after event to work in the Minnie Healey a few days as ohe had this suit dismissed, with the purpose of nullifying the order of the country granting this permission to the Boston and Montana company, and that when the representatives of the company called at the mine to examine the workings admission was refused. The action of the Heinze men, it is alleged, was taken to prevent the Boston and Montana men from discovering what was being done in the way of trespass. The court is asked to give the company a new order of survey and to permit it to send six men into the Minnie Healey mine for a period of twenty days. It is, said that Heinze in the meanwhile is working the Minnie Healey for all it is worth.

Work has been suspended on the Clipper and Boss Tweed mines, the largest producers of gold in Madison county. The mines are owned by the Indian Mining Company, composed of Butte and New York men, and have been yielding 75 tons of ore a day since the early part of June. All the ore was shipped to the Washoe smelter in Anaconda and the Colorado has more ore of its own than it can handle. When the Washoe is opened it is thought that the Indian company will resume operations at its mines. The mines of the company contain large veins of ore, much of which is rich enough to ship at a profit. It is said that the shipments of zinc aggregated 4,500 tons since the month of June and that the net result was \$100,000.

HELENA, Aug. 25.—A good strike has just been made at the Washoe in open the Northern Pacific, to a point near the Copporation of the ling dividends regularly on the large used as a flux at the smelter, but, with depth, copper values have inc

into a receiving pan.

into a sluice box, where the gold falls through into a receiving pan.

CALIFORNIA.

San Francisco, Aug. 24—Copper mining on the peninsula of Lower California is being rapidly developed. The Rothschilds' big plant at Santa Rosalia now employs 5,000 men. Near Santa Catarina there has been much activity of late. Mr. Burns, a rich British Co'imbia mining man, has just bought the Esmeralda group of copper mines and will erect a smelter near the mines, as the ope carries \$4 in gold and there is an export duty on all ores that carry over \$3 in gold. The smelter will probably be built at San Quentin, as the landing at Catarina is not good. The Luciana group of copper mines, near the Esmeralda, has been purchased by the Pyne Smelting Company of Alameda. The ore will be shipped by schooner to the company's smelter on San Francisco Bay.

In the Ironciad mine, Nevada county, a fine vein has been struck at a depth of 275 feet in the shaft. For 200 feet the miners sank through barren ground, but from that point on mineral indications were good. At the 275-foot level a drift was started and soon a ledge was struck that assays from \$80 to \$250 a ton. The ledge varies from \$80 to \$250 a ton. The ledge varies from \$80 to mineral indications were good. At the 275-foot level a drift was started and soon a ledge was struck that assays from \$80 to \$250 a ton. The ledge varies from \$80 to which will handle all the ore of the rich Julian district. Many mines in this district are not worked because of the prohibitive cost of shipping ore. Even rock that runs from \$600 to \$800 to the ton is often left on the dumps been worked by primitive local methods that failed to get out more than half of the gold. The new smelter will have all the ore it can handle from San Diego county alone.

The Mountain Copper Company at Keswick, where a strike prevailed for half of the gold. The new smelter will have all the ore it can handle from San Diego county alone.

The mountain Copper Company at Keswick, where a strike prevailed for half of the gold. Th NEVADA.

the miners union, and it has been found a good plan to insure the sobriety of the hands.

NEVADA.

RENO, Aug. 25.—The most important mining deal that has taken place in Carson City for a long time was the transfer last week of the Mammoth mining property near Carter's station by the Raycroft brothers to Oakland and San Francisco capitalista. The property is regarded as one of the best low grade ore propositions in the country. The ledge is from 50 to 100 feet wide and can be traced for several thousand feet. The ore is mostly silver, with some lead and a little gold. The ore will pay from the surface.

On the Carson River at Horseshoe Bend Frank Everett is in charge of expensive works for an Eastern syndicate which proposes to extract gold from the black sand of the river banks. There is much iron in the sand, and placer miners have been unable to save more than a small part of the yellow metal, but the syndicate has a new process by which it hopes to be able to save nearly all the gold.

In developing a spring near Carson City Mr. Blackwell recently struck a deposit of mineral soap which bears a striking resemblance to the castile soap of commerce. It has the time properties as manufactured soap and is found in white, red and mottled shades. With scarcely any preparation it could be placed on the market. This is one of numerous finds of mineral soap in Nevada, but this Carson deposit is purer and of finer grade than any other found.

The properties of the New York and Nevada copper Company in White Pine county recently have been thoroughly examined by a party of Eastern capitalists and experts, and it is probable that the mines will soon be bonded.

The Tonopah Gold Mountain Company has struck some very rich ore in its mines at Gold Mountain. A 14-inch ledge has a narrow streak of exceedingly rich ore, picked specimens of which assayed \$19,000 to the ton.

ton.

The seventh shipment from the Montana Tonopah mine left last week and consisted of thirty tons of high grade ore. A drift on on the 512 level shows black sulphide ore running from \$80 to \$160 to the ton. Another edge in the West dirft on this same level has values running from \$250 to \$1,000 to the ton.

COLORADO SPRINGS, Aug. 28. The following stocks have been dropped from the Colorado Springs Mining Exchange because of disregard of rules to submit an annual production report: Corlolanus, Findley, Cripple Creek Gold Exploration, Mary Cashen, Suncet-Edlipse, Argentum-Juniata, Red Spruce

and Teutonic. A total of 156 companies is listed with the exchange.

The El Paso company, which has the contract for constructing the drainage tunnel, is at work vigorously. By Sept. 1 it is estimated the big bore will be completed. The miners' strike caused delay.

The Portland mine was reopened Wednesday on terms satisfactory to strikers and mine owners. The control of this company was recently acquired by the Ryan-Whitney syndicate of New York.

The July report of the Prairie Oil and Gas Company of southeastern Kansas, just received by officers here, shows a net run of 4,819.91 barrels. Other lines brought the total up to 6,300.50 barrels for the district the Neodesho, Buffelo and Thaver. Other districts show up as follows, Chanute, 31,481.85; Burtelsville, 15,832.77; Peru, 2139.44 The grand total for all districts is 60,421.74 barrels.

Oil has been struck at 175 feet depth on the Kennedy ranch, thirty miles south of Colorado Springs. Arthur Lukes includes the Kennedy wall was being sunk for water. Several other water wells have encountered evidence of oil with indications as good as in the Boulder field at the same depth.

The workings of the Portland mine will be sunk to 1,500 feet, or about 350 feet lower than at present. An important find is reported on the property.

WASHINGTON.

SEATTLE, Aug. 24.—The new ten-stamp WASHINGTON.

WASHINGTON.

SEATTLE, Aug. 24.—The new ten-stamp mill of the Post-Lambert Company in Mount Baker district made its trial run and first clean-up last week, amounting to \$30,000 in gold bullion. The time consumed was thirty days and the mill ran to the entire satisfaction of the owners. The mine is reported in first-class condition, with ore enough in sight to keep the stamps steadily dropping for several months. The district is one of the most promising in the Cascade Mountains and the mines are developing to a point that gives satisfaction to the most sanguine. The country is being well prospected this season and several promising prospects have been found. found.

The Pinnacle mine in Loomis distric

Okanogan county, is now producing hand-somely, samples of the best ore going as high as \$10,000 in free gold. The mine, long in litigation, is now free from entanglement and is being operated by competent mining men. It will make a splendid record this

SEATTLE, Wash., Aug. 24.—Rossland is again prosperous and the mines are turning out a large amount of ore of most excellent quality. Mines like the Iron Horse, long dormant, have resumed shipments and appear to be doing better than in the most palmy days of the camp. Last week the total output of Rossland was 9,000 tons. The Northport, Frail and Granby smelters are dividing honors in working ores from this district. The Jumbo, which has been idle for five years, is renewing life and is shipping about forty tons daily to Northport. The results are perfectly satisfactory.

The Giant, White Bear and, Nickel Plate have put on larger forces and are all developing. The Giant has a record on the shipping list of about five thousand tons, while the others follow closely in the wake. BRITISH COLUMBIA.

ALASKA.

while the others follow closely in the wake.

ALASKA.

SEATTLE, Wash, Aug. 24.—A consolidation of the Nowell properties with the Treadwell has been secured at last at a price said to exceed \$1,500,000. Negotiations to this end have been under way for some time. These mines are located at Sum Dum and in Silver Bow Basin, near Juneau, and embrace productive placer and quartz properties in various stages of development, together with two stamp mills of thirty and forty stamps each. The ore in the Nowell mines is of much higher grade than the Treadwell, and the output can be readily doubled, making it the largest bullion-producing property on the Pacific Coast.

Exagerated reports regarding the starvation of miners on the headwaters of the Tanana are being circulated to the detriment of that part of the territory. About 600 tens of provisions (two steamboat loads) have been sent listo the country this summer, to supply a population of 1,000 or 1,200. Great herds of moose traverse this country and game of all kinds is abundant.

Gold dust is coming out in considerable quantities on steamers from Nome, Skagway and Cook Inlet, nearly all of which is consigned to the Government Assay Office in Seattle. The supply of water in the Klondike and tribustaries has been increased by heavy rains, recently, and mining operations greatly facilitated by reason of it. The estimated total output of gold up to date this season is over \$12,000,000. The total will reach \$25,000,000. this includes the Klondike, Nome and all other districts combined.

UTAH.

SALT LARE, Aug. 24—News has been received from the Majestic company's mines at Milford indicating the most important disclosures in the Gomer shaft on the old Harrington & Hickory group, the shaft having now dropped down for 30 feet in ore that is maintaining an average of 40 per cent. copper with characteristic values in gold and silver.

Active work upon enlargements at the Highland Boy smelter will be started this week. The main stack will be elevated 50 feet, or to a total of 250 feet.

The mineral-bearing matter that has for nearly thirty years been languishing on the dump of the old Riverside smelter on the banks of the Beaver River, a few miles out of Milford, is being made a source of revenue. The material contains silver, lead and gold and some little copper, and there are over TTAH.

and some little copper, and there are over 500 tons of this upon the dump. It was produced at a period when smelting was decidedly imperfect, so that not a little metal was left in the slock.

IDAHO. Boisé, Aug. 23.—The Buffalo Lake Company of Seattle is erecting a two-stamp mill on the Lucky Lad. an extension of the Big Buffalo, in Buffalo Hump district. The vein is 27 feet wide and developed by cuts to the depth of 50 feet.

POLICEMAN STRUCK A WOMAN? Man Arrested for Interfering Tells of Cop's Brutality.

When Abraham Silberstein of 10 Sixth avenue was arraigned in the Jefferson Market police court yesterday on a charge of interfering with Plain Clothes Man Gunn of the Mercer street station, the prisoner declared that he interfered only when he saw Gunn strike a woman whom he was arresting for soliciting.

Gunn told the Magistrate that while he was trying to arrest a woman named Dur-ken on Saturday night Silberstein abused him and threatened to have him "broke." The policeman said Silberstein grabbed his arm and the woman almost got away.

According to Silberstein he was standing in front of his store when a boy ran up and told him a man was beating a woman in Albany street. He ran over, he said, and saw Gunn throw the woman on a pile of

sand and strike her in the face with his open hand.
"I didn't know he was a policeman,"
declared Silberstein, "until I was within
a few feet of him. Then I recognized him
and told him he ought to be ashamed to
strike a woman that way. He told me
to mind my own business and I called on
the voliceman on rest to interfere. I didn't the policeman on post to interfere. I didn't make any attempt to interfere and didn't come within ten feet of him, but I did ask

him to handle the woman less roughly."

The Durken woman told a story that agreed with Silberstein's. She was fined \$5 and the hearing in the other case was put over until to-day when both sides will bring witnesses. oring witnesses.

Crops in Mohawk Valley Damaged by Rain. AMSTERDAM, N. Y., Aug. 30.-The almost continuous rain during the past forty-eight hours has resulted in great damage to the hay and grain crops in the Mohawk Valley, in which there are many acres yet to be cut. The potato yield will be the lightest in years. Early potatoes are rotting in the fields because of wet weather, and the late potato planting is almost a complete failure, due to the blight.

The following is a list of referees appointed in

Referees.
Thomas G. Fennell.
J. F. McLaughin.
Solon Berrick.
P. J. Everett.
George Haas.
Alfred B. Jaworower.
E. J. Tinsdale.
Gotthardt A. Litthauer.
Robert F. Wagner.
Meyer J. Stein.
William P. Schoen.
Thomas F. Donnelly.
William J. A. Caffrey.
lice Davis.

Meurice Goodman. Same vs. saine.
Same vs. saine.
Holbrook vs. Brown.
Byrne vs. Van Doesen.
Milltken vs. La Grassa.
Knauf vs. Bernatz.
Matter of Martin. Matter of Maren. Seymour vs. Stringham. By Just Matter of Mayrs... Riverhead Sav. Bank vs. Stelerman. Wanamaker vs. Darling Man. Life Ins. Co. vs. De Witt. Maurice Goodman

eases in the Supremy Court last week.

Gerard B. Townsend. Alfred J. Talley. Alfred J. Talley. M. S. Brown. George E. Plunkitt. Forbes J. Hennessy. Witt.

Bliss vs. Bliss.

Alfred J. Talley.

Bliss vs. IJams.

Brown vs. Schaefer.

Seny vs. Schaefer.

Snow vs. Schaefer.

Snow vs. Adrondack

Realty Co.

Smith vs. Irwin.

Bank for Savings vs. Hoes.

John Bottomley.

By Justice Clarke.

By Justice Clarke.
Bradley vs. Wolf. John C. Colemai
By Justice McCall. Blanchard vs. Tester.....John E. Hayse Copeland vs. Leuger & Co...William A. Sweetser.

Martha Ducks and Marie Pierson, had called to men from the windows of the house. This the defendants denied, and then Magistrate Ommen called them up to the bridge and questioned them about their bonds. All told the same story-that they had been arrested, put in a cell, called out by the sergeant, told to sign a paper and then released.

"But who went on your bonds?" asked the Magistrate.

"I don't know," replied the Ster woman. I didn't see the bondsman."

"Do you mean to say that the bondsman as not present?" "Nobody was in the station house but the

policemen," she declared. "Find out about this," said Magistrate Ommen to the clerk. "I'll see if this man is signing blank bonds and leaving them around the station house to be filled out

when women are brought in." The clerk got the bonds, which were signed by Barnett Marcus, who had been on the bonds of five other women arraigned a few minutes before. Magistrate Cmmen then asked each of the other women about the bonds, and each said positively that no bondsman was present when they were

"I was present," interrupted Petective Armstrong, "and the bondsman was standing at the end of the desk. These women are lying.

"I'll explain this to your Ponor," volunteered Lawyer Lowenstein. "I'm not in-terested in this case, but I'd like to tell you how it is done. The bonds are signed in the telephone room, and the space is so limited that the bondsman has to get out when the prisoners are called in."
"Is that so?" asked Magistrate Ommen.

"There were a number of men around," declared Donohue, "policemen, detectives, lawyers, bondsmen, men from the District

lawyers, bondsmen, men from the District Attorney's office and reporters."

"That might be," remarked the Court, "but it strikes me that there is something wrong about that station house, and I propose, if possible, to locate the trouble. Was the bondsman there or not?" he asked, turning to Madeline Wooman.
"No," she replied. "When we were first. taken in we were put in a little cell. A few minutes later the sergeant called out

our names and we signed a paper and were told to go. There was nobody else there."
"And you man to say you don't know who went your bond?" persisted the Mag-"Yes," said the woman. "We didn't send

for any one. We were just told to sign some papers and go."

The women said they had not yet paid the bondsman, but expected the charge would be \$5 each.

"I don't think there is sufficient evidence in this case," said the Magistrate. "The prisoners are discharged."

One of the prisoners yesterday was the roung woman who said in court on Setur.

one of the prisoners yesterday was the young woman who said in court on Saturday that the matron of the Tenderloin station had offered to get a bondsman for her. When the Magistrate's attention was called to this, he said:

"I'll keep my eye open for that woman."
If she's brought here too often I'll know.

If she's brought here too often I'll know its a case of persecution." Sergt. Brindley, who was at the desk Sergt. in the T women were brought in and afterward released, said last night that Marcus came in the station shortly after the arrests had been made and offered to go on the women's bonds. He says there was no alternative for him but to accept Marcus as bondsman. He says also that Marcus was in the station all the time that the bonds were being

WHITEHEAD'S AEROPLANE. Bridgeport Inventor Thinks He Has Perfeeted the Motor Part of the Machine.

BRIDGEPORT, Conn., Aug. 30.-One of he contestants for the \$100,000 cash prize offered by the managers of the St. Louis Fair for the best demonstration of a dirigible balloon, airship or flying machine, will be Gustave Whitehead of this city who has attracted attention because of his work on several flying machines. Already he says he has made an engine which combines the minimum of weight with the maximum of power of any engine ever constructed. This he intends to use for the motive power of the machine which he will exhibit next year at the exposition. He is concentrating his attention at present on the aëroplane, with which Prof. Langley of the Smithsonian Institute of Washington has been experimenting. In speaking to-day of his work along

this line, Mr. Whitehead said: "I am convinced that Prof. Langley has the right idea and I agree with him in many things. I am working practically along the same lines that he is, but I fear he will never live to see the plan perfected The experiments with aëroplanes are only makeshifts. We hope by the use of them to establish principles of aerial navigation and later to be able to construct a machine that will fly and be of use for commercial purposes. The aëroplane will never be of any use commercially, no matter how far one may be able to fly with it.

"I know that I have made one step in the right direction in the invention of an engine which combines the two essentials in the construction of a flying machine motor, power and lightness.

mr. Whitehead's engine weighs complete with its shaft and cooling flywheel only 55 pounds. It will develop 12 horse power at 2,500 revolutions, that is, about 4½ pounds of weight to the horse power. Any lighter engine of the two-cylinder type could not develop as great horse power. It is compact and the motor can be held in the hand by a man of ordinary strength. It stands is inches high, is a foot long and 10 inches wide at the base. Nowhere has strength been sacrificed for lightness. The double cylinders are capable of turning the heavy shaft ders are capable of turning the heavy shaft as rapidly as 2,500 revolutions a minute and can be run down below 1,000 revolutions at will. It is made throughout of the finest

rade of tool steel.

Both cylinder heads are lighted with a Both cylinder heads are lighted with a small blow torch. A quick revolution of the shafting given with the hands raises an air pressure in the cylinder heads of about 180 pounds to the square inch, and into that pressure is forced automatically a spray of kerosene. The gas thus formed is ignited by the heat that has been applied from the outside and the engine starts. The heat of the ignition in the cylinder heads keeps them hot, so that the engine will run automatically, the only requisite being fuel, and keeping the oil cups filled. There will be heat in the heads as long as there are explosions, and as long as there there are explosions, and as long as there are kerosene and heat the engine will run.

Recently Mr. Whitehead has established experimental grounds on Holland Heights in this city, where he keeps his sëroplane, and where he works out his plans. The aëropiane on which he is experimenting is feet long, a feet wide and has three plats feet apart.